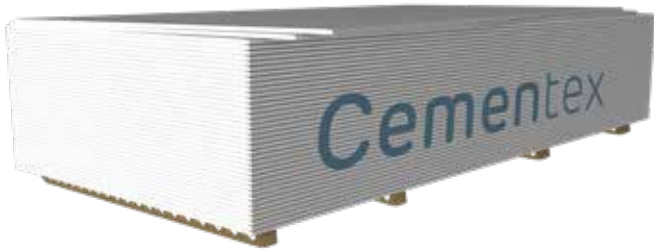


Cementex 8 mm

Fiber-cement board



DESCRIPTION:

Cementex is a flat fiber cement board, suitable for exterior and interior applications.

The boards are manufactured using Hatscheck technology followed by autoclaving, a process that provides optimal mechanical strength and dimensional stability. The main elements the boards are made of are: cement, organic cellulose fibers silica, additives and water.

PERFORMANCES

Thickness	8 mm
Width	1200 mm
Length	2400 mm
Apparent density	≈ 1460 kg/m ³
Board weight	≈ 11.68 kg/m ²
Longitudinal and transversal profile edges	Straight (SE)
Classification according to EN 12467:2012+A1:2016	Category A: Boards designed for applications where heat, high moisture and severe freezing may occur.
Shape and nominal sizes tolerances	Level II
Mechanical resistance	Class 2, minimum tensile strength in humidity conditions > 7 MPa
Fire reaction class, according to EN 13501-1	A1
Water proof	Without water droplets on the unexposed side of the board
Freeze-thaw durability	RL ≥ 0.75, after 100 cycles
Hot water durability	RL ≥ 0.75
Heat-rain durability	No visible defects after 50 cycles
Immersion-drying durability	RL ≥ 0.75, after 50 cycles
Expansion due to variation in relative humidity	< 0.04% 0.40 mm/m
Emission of hazardous substances	NPD
Systems of attestation of conformity	System 3: Fire reaction SYSTEM 4 Other requirements
Minimum radius of curvature longitudinally	8.0 m
Resistance to airborne sound	Calculated for each system
Packaging	67 boards/ pallet. Pallet weight 2243 kg SAP Code: 146387
	109 boards / pallet. Pallet weight 3617 kg SAP Code: 146388

AREAS OF USE

Interior applications

- ▶ Suspended ceilings and finishing systems located in areas with average relative humidity (bathrooms, kitchens, basements, production areas, warehouses, public laundries...)

Exterior applications

- ▶ Support for decorative finishing in systems not directly exposed to exterior weather conditions (suspended ceilings, eaves, soffits...)





Resistance to



Technical performance



Durability

RECOMMENDATIONS FOR STORAGE AND TRANSPORT

- ▶ The boards should always be handled by two persons, and transported vertically
- ▶ The transport of the boards on pallets shall be made with appropriate transport means (cart, fork lift, truck ...)
- ▶ Maximum 4 (four) pallets should be stored in a stack
- ▶ When storing the boards, the loadbearing capacity of the supporting floor element shall be taken into account
- ▶ The boards shall be stored in pallets or stacks with spacers every 600mm. The pallets and the stacks shall be stored on dry, smooth and horizontal surfaces. This type of storage allows ventilation and prevents deformation or tearing of the boards
- ▶ When stored outdoors, the boards should always be protected with a plastic film or a tarpaulin
- ▶ If the boards are exposed to water during the storage period, remove the protective film and allow the boards to dry thoroughly before use.
- ▶ The boards should be stored in the final location (installation area) at least 24 hours before starting the installation, for "acclimation".
- ▶ The boards should be dry before applying different treatments on their surface (base coat, adhesive ...). For example, it is not recommended to apply any coating immediately after rain
- ▶ The boards should be mounted in the temperature range of 5 - 40° C
- ▶ The long term storage for long periods in direct sun light is not recommended

SAFETY MEASURES:

- ▶ The 1.2 m x 2.4 m x 8 mm Cementex board weights 34 kg
- ▶ The above mentioned weight includes a possible 15% moisture absorption, if the boards were stored in humid places
- ▶ It is recommended that the dust from Cementex boards cutting and drilling operations to be absorbed and collected using an efficient vacuum cleaner.
- ▶ During handling, cutting and drilling operations, the operator / installer should use appropriate tools and wear personal protection equipment: helmet, glasses, gloves, boots, FFP2 dust mask or more effective according to EN 149: 2001
- ▶ The boards should be cut and drilled in dry and ventilated areas
- ▶ The boards can be cut with an electric or manual saw
- ▶ To prevent the formation of permanent stains on the surface of the board, it is recommended that the dust from cutting and drilling operations is immediately removed, using a dry microfiber towel or by aspiration with efficient dust extraction and collection equipment (vacuum cleaner)
- ▶ To prevent boards vibration during cutting and drilling operations, they should be placed and fixed on a smooth and stable support



Fire reaction: A1

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